



IEEE Enlightenor

Institute of Electrical and Electronics Engineers

Los Alamos Section ---Serving Northern New Mexico

October/November, 2003

**IEEE SECTION TALK ON
CONTRIBUTIONS OF A TECHNICAL
PROFESSIONAL IN AN EMERGING THREAT
ENVIRONMENT**

**Join the Los Alamos Section, Albuquerque
Section, and Bradbury Museum**

on

OCTOBER 14, 2003

6:00 P.M. - 7:30 P.M.

AT

**Bradbury Museum
15th & Central Ave.**

Los Alamos, NM

Pat Berger 505-667-4444

**JOIN THE LOS ALAMOS SECTION FOR
NOHOST DINNER AT DE COLORES
RESTAURANT
AFTER TALK AT 7:45 P.M.**

Michael Andrews, President Andrews & Associates, LLC will give an interesting presentation on his integrated experience with the Executive Branch, the emerging threat environment and the role that a technical profession can have in combating terrorism.

The threat paradigm has evolved rapidly during recent years. In response to several terrorist incidents, the Executive Branch has implemented numerous Presidential Decision Directives, issued several Executive Orders and sponsored Federal Preparedness Circulars to provide emergency preparedness guidance to governmental departments and agencies.

Current political conditions require the development of systems and concepts for responding to the unconventional threat environment. The rapid pace of technology allows the incorporation of new systems and concepts

for combating terrorism. Technology can support prevention of terrorist incidents. The engineering community can use its problem solving skills, its "think outside the box" skills and its diverse creative talent to develop mitigation and crisis systems that will enable us to avert future terrorist events. Examples of the challenges within mitigation and crisis technologies include chemical, biological (normally Category A agents), thermo baric, RF generators, building systems (infrastructure and materials) and data systems.

Mr. Andrews is President of Andrews & Associates, LLC, a consulting firm specializing in analyzing, developing and implementing business strategies that increase the ability of an organization to respond to various business situations in a robust environment. Services include:

- Management consulting
- Strategic planning
- Emergency Planning: Continuity of Operations, Disaster Recovery and Business Resumption Planning
- Operational readiness, Exercise development and testing
- Operational analysis
- Quality and process improvement programs
- Employee education and training

Mr. Andrews leads the firm's activities in Emergency Planning, Operational Readiness, and Organizational Improvement. He is responsible for developing and implementing the Continuity of Operations (COOP) program offered by the GSA to the Executive Branch. The COOP materials have been used by more than 40 Executive Branch agencies.

Mr. Andrews holds a national security clearance level of TOP SECRET. He is very involved in community activities including serving as the Region Coordinator for the National Engineers Week Future City Competition and co-Chair for the annual Salvation Army Christmas Dinner. He is a 2003 honoree of the Hon Kachina award for his volunteerism and a 2003 recipient of the AIA-Arizona Award of Distinction for promoting architecture and city design to pre-college students. Before his presentation he will be presented with the IEEE Region 6 Southwest Area 2003 Achievement Award.

IEEE Certificate Award given to **Michael R. Andrews** at presentation.

MICHAEL R. ANDREWS
ANDREWS & ASSOCIATES, LLC
12438 NORTH 80TH PLACE
SCOTTSDALE, ARIZONA 85260
(480) 991-1619, (480) 948-4486 (FAX)

Bradbury Museum will have a display setup on Terrorist Threat that you may view from 5:00 – 6:00 p.m. or after presentation.

Questions or concerns, please email Lynda K. Towers: towers@lanl.gov , Albert Engelhardt: a.g.engelhardt@ieee.org or Burton Krohn, b.j.krohn@ieee.org

Los Alamos IEEE Slate of Officer for 2004

Are the following:

Scott Briles – Section Chair

Lynda Towers – Section Vice-Chair

Teri Roberts – Treasurer

Albert Engelhardt - Secretary

If you have an interest in becoming involved with the IEEE Los Alamos Section or Chapters, please let one of the officers know. We would love to have more involvement from own membership.

Thanks!!!

Section Executive Committee

Chair

Lynda K. Towers
e-mail: towers@lanl.gov

Voice: 505-665-5172 FAX: 505-665-9490

Vice-Chair

Scott Briles
e-mail: briles@lanl.gov
Voice: 505-667-4298 FAX: 505-665-4197

Secretary

Albert Engelhardt
e-mail: a.g.engelhardt@ieee.org
Voice: 505-672-1435 FAX: 801-327-3150
mobile: 505.920.9694

Treasurer

Teri Roberts
e-mail: mailto:t.l.roberts@ieee.org or troberts@lanl.gov
Voice: 505-665-2177 FAX: 505-667-5727

Newsletter Editor & Professional Activities

Lynda K. Towers
e-mail: towers@lanl.gov
Voice: 505-665-5172 FAX: 505-665-9490

Membership Chairman (Also for NPSS)

Glen A. Wurden
e-mail: wurden@lanl.gov
Voice: 505-667-5633

Awards

Scott Briles
e-mail: briles@lanl.gov
Voice: 505-667-4298 FAX: 505-665-4197

Computer Society Chapter Chairman

Teri Roberts
e-mail: mailto:t.l.roberts@ieee.org or troberts@lanl.gov
Voice: 505-665-2177 FAX: 505-667-5727

LEOS Chapter Chairman

Albert Engelhardt
e-mail: a.g.engelhardt@ieee.org
Voice: 505-672-1435 FAX: 801-327-3150
mobile: 505.920.9694

NPSS Chapter Chairman

Albert Engelhardt
e-mail: a.g.engelhardt@ieee.org
Voice: 505-672-1435 FAX: 801-327-3150
mobile: 505.920.9694

Program Chairperson

Burton J. Krohn
e-mail: b.j.krohn@ieee.org
Voice: 505-667-5012 (office). Res. : 505-662-5190

Past Chairperson

Paul J. Tallerico
e-mail: tallerico@lanl.gov
Voice: 505-667-1197 FAX: 505-665-2818

L. K. Towers
108 La Vista Dr.
Los Alamos, NM 87544